

Shorepower Technologies
(Formerly Shurepower)
Electrified Parking

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WSDOT Rest Area
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Mission

- Shorepower Technologies' mission is to reduce unnecessary petroleum fuel consumption and exhaust emissions by implementing plug-in infrastructure in a manner that will reduce operational costs, improve working conditions, promote competition, and improve overall air quality and traffic safety

Overview

- Idle Reduction options
- Shorepower Technologies' Services
- Benefits
- Charging Stations
- Shorepower Network

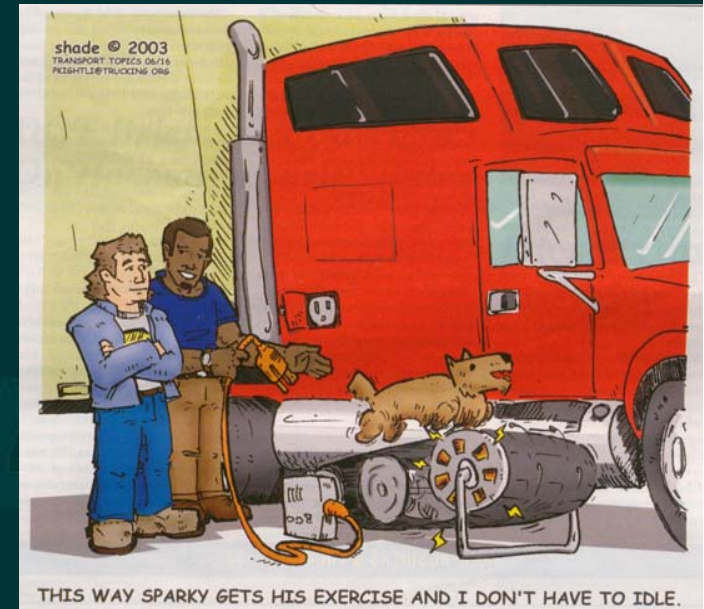
High Fuel Prices



Idle Reduction Technologies



- Auxiliary Power Units (APUs)
- Generators – GenSet
- Battery based Auxiliary Power Systems
- Off-board Truck Stop Electrification (TSE)
 - CabAire, AirDock, IdleAire
- Shore Power Truck Stop Electrification
 - Shorepower Technologies



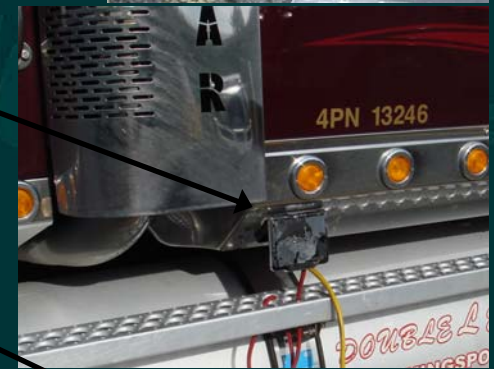
SHOREPOWERTM
TECHNOLOGIES

Shore Power Connection Equipment

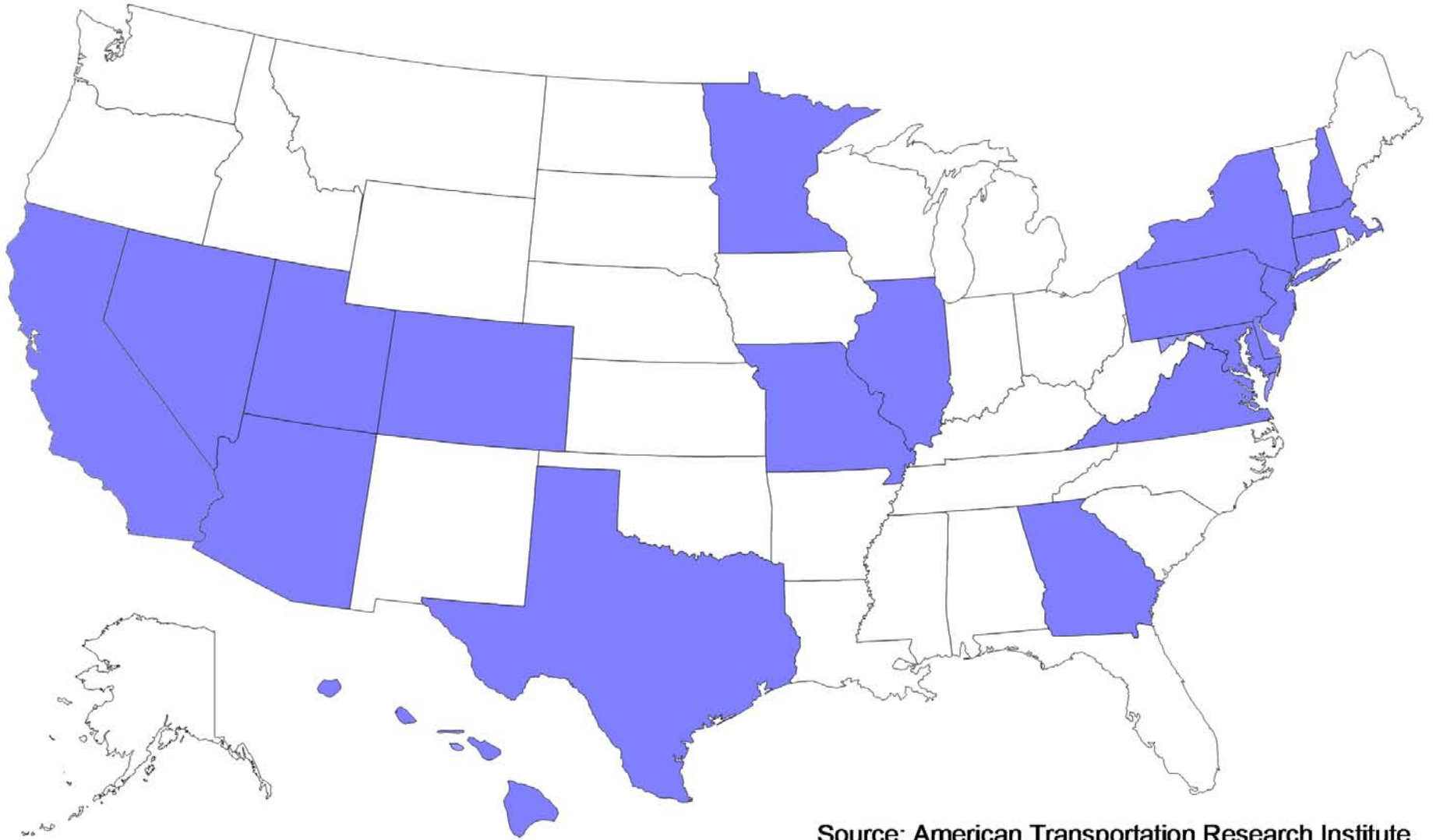


All major truck manufacturers offer shore power options:

- Freightliner
- Western Star
- Volvo
- PACCAR
 - Clean Power
- International
- Trucks without a inlet can still use Shorepower



States With Idling Regulations



Source: American Transportation Research Institute

Shorepower Products

- Shorepower Electrified Parking Spaces (EPS)
 - Shorepower Control & Monitoring System
 - Shorepower Pedestals
 - 120/208 VAC Power
 - Cable TV
 - Internet – WiFi
 - eTRU connections
- Charging Stations
 - Electric Vehicles (EV)
 - Plug In Hybrid Electric Vehicles (PHEV)
- Shorepower Komfort Kits
 - On-board equipment
 - OEM offerings

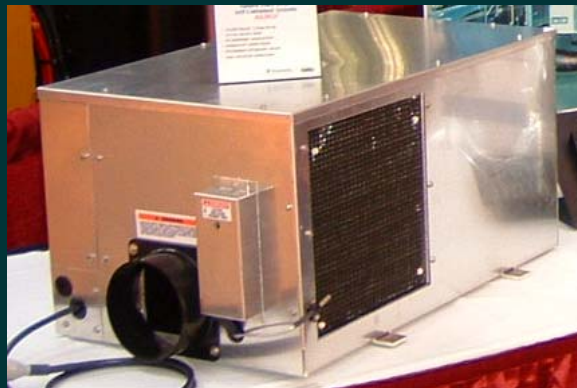


Long Term Idle Reduction Solution

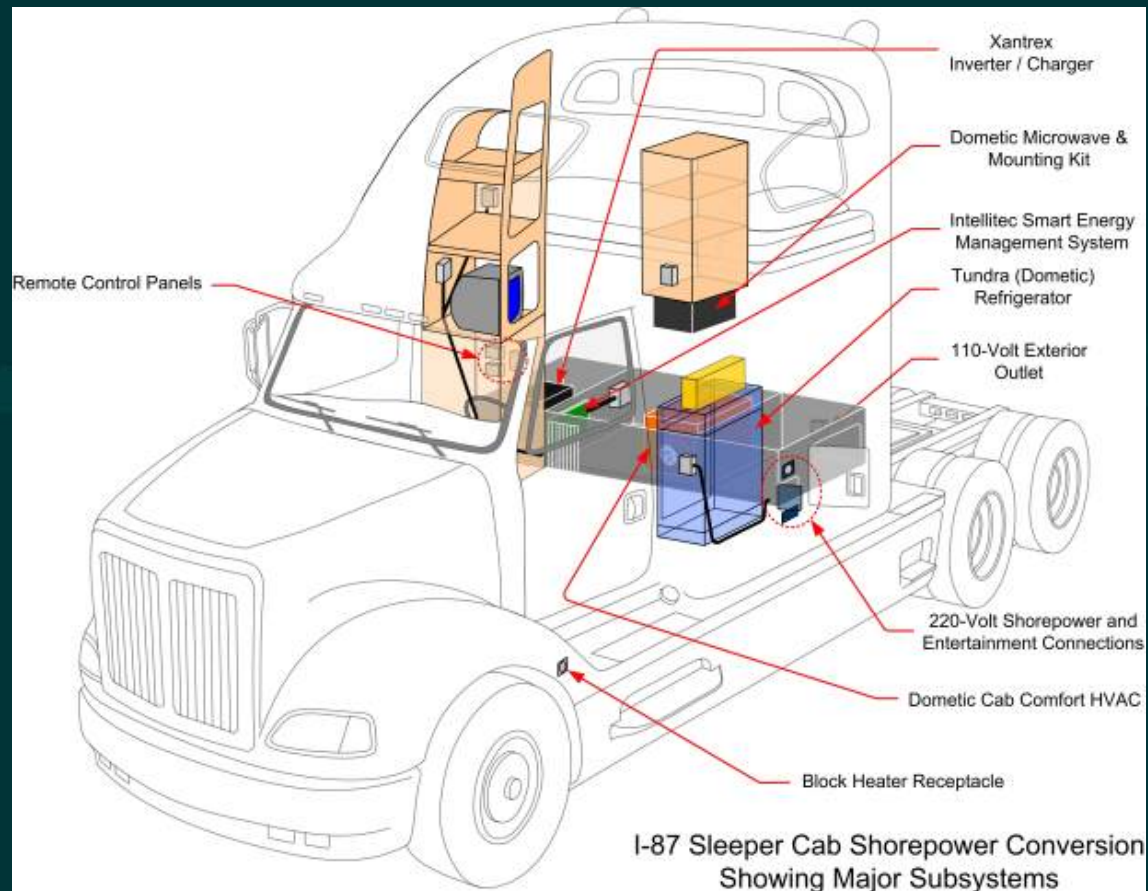
- No diesel fuel consumption
- Zero local emissions
- No undesirable noise
- Safe & proven technology
- Drivers have more freedom
- Focused on idle-reduction
- Lowest energy consumption
- Electric TRU standby power
- No recycled air
- Minimal disruption to pavement
- Most cost effective technology
- Sustainable business model



Shore Power Equipment



Sleeper Cab System



Travel Plaza Benefits

- New Source of Revenues based on gross sales
- Attracts customers
- Growth Potential – modular expansion
- Increase Revenues from sales of appliances and installation of kits
- No up-front investment required
- Toll-free call center – no on-site labor required
- No loss in parking spaces



Electric Standby Transport Refrigeration Unit eTRU



Shurepower Trailer Wiring System for eTRUs
Warehouse/Loading Dock/Truck stops

– US Patent No. 7,241,146

Shorepower Advantage

- Business model based on cost-effective electric service
 - Fundamental Utility Service
 - Never obsolete
- EV and plug-in hybrid electric Charging Stations
- Low visual and physical impact
 - Perimeter parking
 - Overhead designs in future
- Fast on-site installation
- Web based control system
- Long-term idle-reduction solution

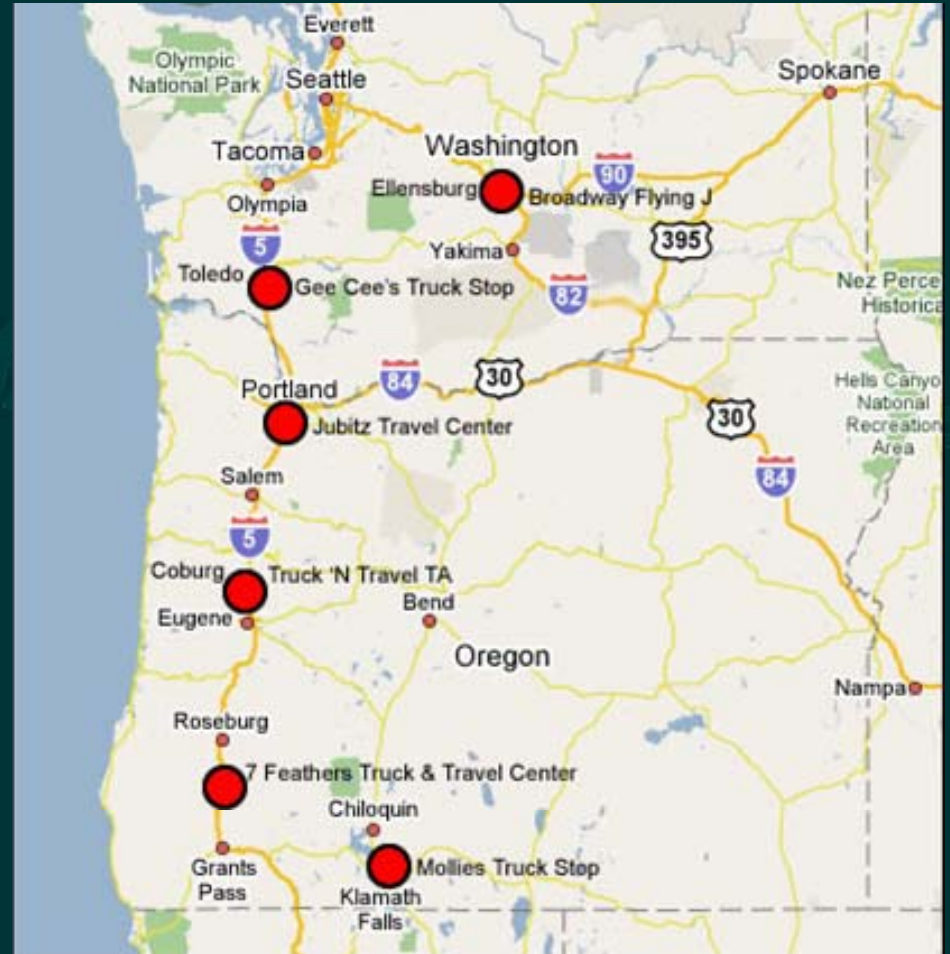
Expanding Network

- **6 New NW Facilities**

- Gee Cee's Truck Stop
 - Toledo, WA
- Flying J Travel Plaza
 - Ellensburg, WA
- Jubitz Travel Center
 - Portland, OR
- Truck N' Travel TA
 - Eugene, OR
- Mollies Truck Stop
 - Klamath Falls, OR

Coming Soon:

- 7 Feathers Truck & Travel
 - Canyonville, OR
- Arrowhead Travel Plaza
 - Pendleton, OR
- Big Boys Travel Plaza
 - Kenly, NC



Rest Area Implementation

- Provide TSE and vehicle charging
- Rest Area Commercialization issues:
 - Vending operation
 - Work with Department of Services for the Blind
 - May not be considered a “sale” - not physical property
 - Online transaction
 - Membership subscription
 - Offer free service

Shorepower Facilities for Cars and Trucks



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EV & PHEV Charging Stations

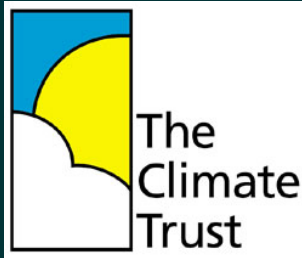


Vehicle Conversion

- Plug-In Hybrid Electric Vehicles (PHEV)
 - Toyota Prius
 - Ford Escape HEV
- Pure Battery Electric Vehicle Conversions
 - Mini Cooper – MinEV
 - VW Jetta



Shorepower Sponsors



- Washington Department of Ecology
- New York State - NYSERDA
- EPA
- US DOE
- Climate Trust
- Oregon Department of Energy
 - Business Energy Tax Credit
 - Small scale Energy Loan Program

Questions? - For More Information

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